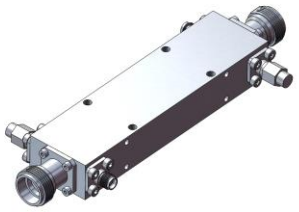
High Power Dual-Directional Coupler

Model **D4002HB005080 Rev.A**

0.5-8GHz 40dB 120Watt Dual-Directional Coupler



Specifications

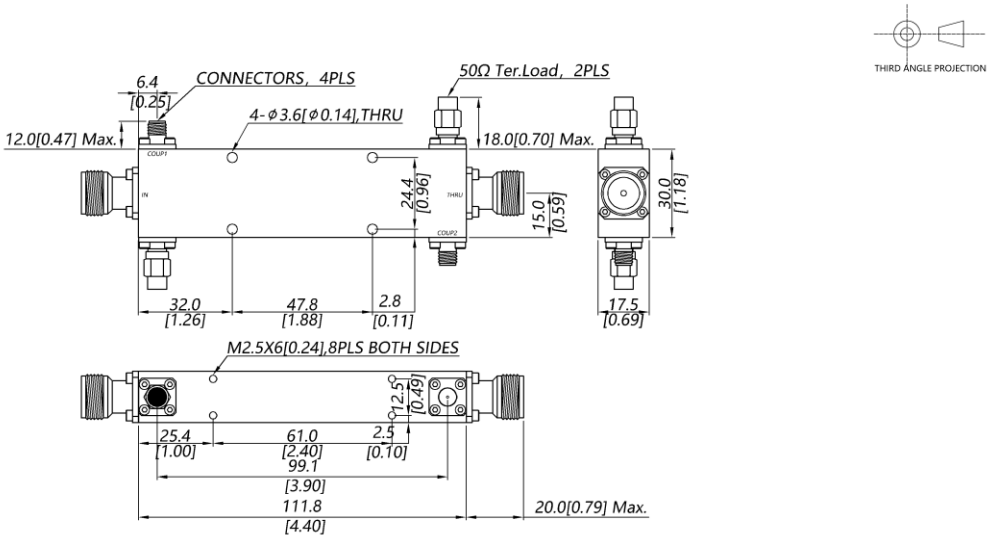
All specifications are subject to change without notice at any time

Frequency Range	GHz	0.5-8			
Main Line VSWR	:1 (Max.)	1.3			
Coupling VSWR	:1 (Max.)	1.3			
Insertion Loss[1]	dB(Max.)	0.7			
Coupling	dB(Max.)	40±1			
Flatness	dB(Max.)	±1			
Directivity	dB(Min.)	18			
Power[2]	W(Max.)	CW: 120; Peak: 3000			
Weight	g(Max.)	220	Dimension[3]	mm (LxWxH)	111.8x17.5x30.0
Interface	Stainless steel connector; Input: TYPE N [F], Thru.: TYPE N [F], Coup.: SMA [F]				
Finishing	Nickel plating				
Temperature	Operating: -55~+85°C; Storage: -55~+100°C				
Environmental	Per MIL-STD-202F, Method 107D, 204D, 213B (optional, contact supplier for detail info.)				
Eng. Customized	N/A				

Note:

1. Theoretical coupling loss included
2. VSWR ≤1.2 required for CW
3. Unless otherwise specified, Decimal tolerance: x.±1; .x±0.5; .xx±0.1

Outline Drawing



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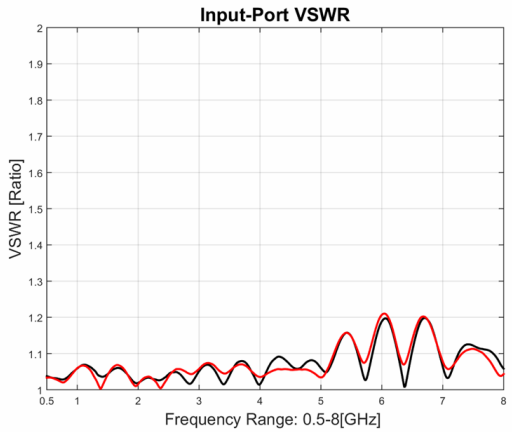
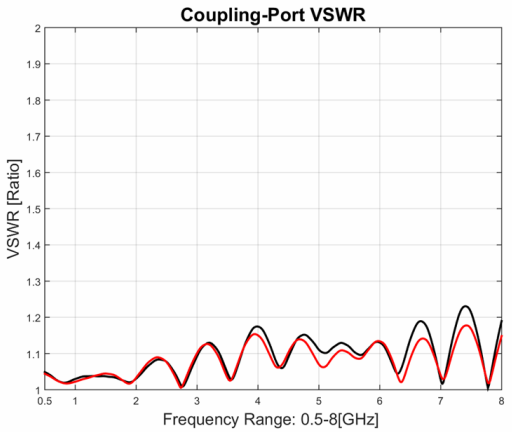
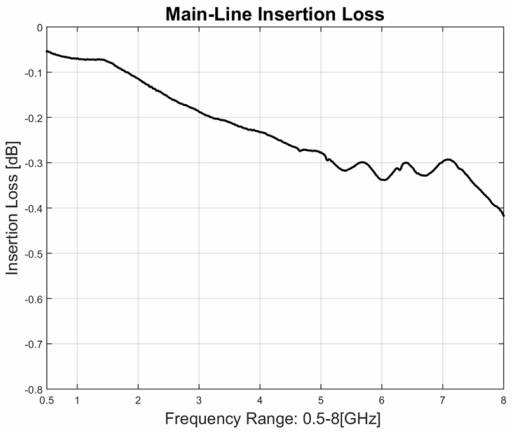
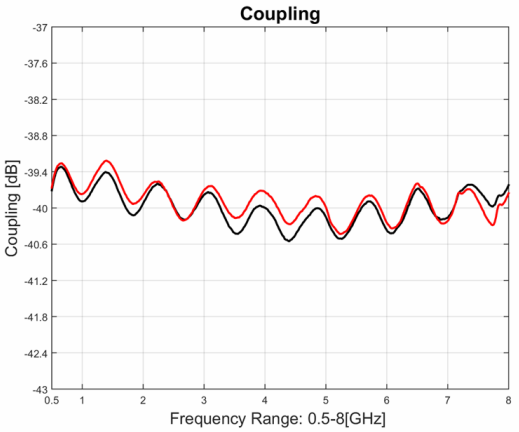
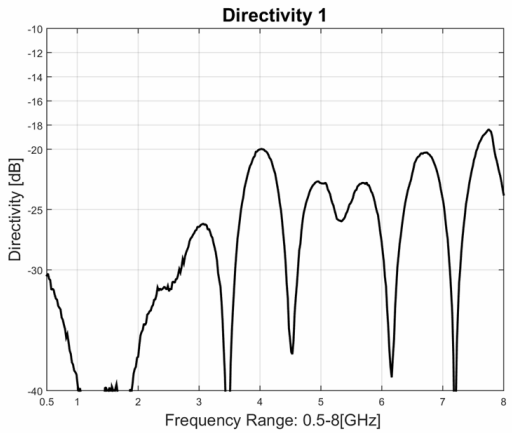
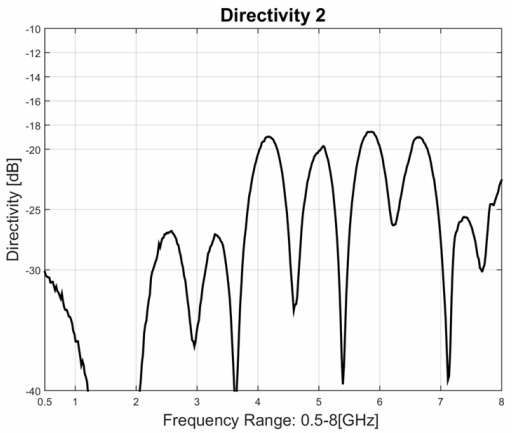
Typical Graph

Typical test temperature @25℃